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## Patent Abstracts of Japan

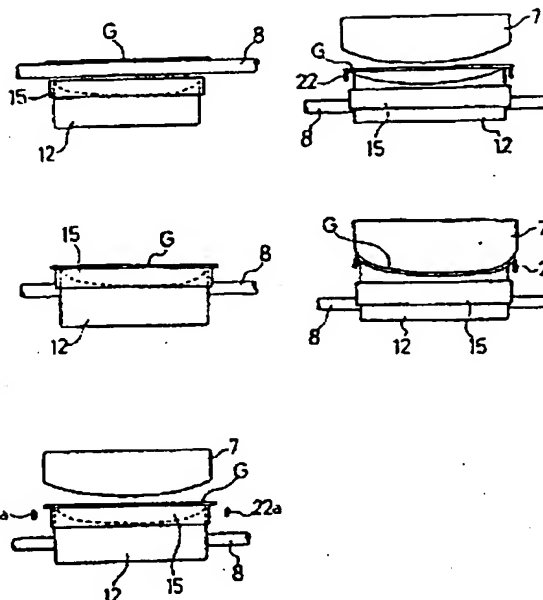
PUBLICATION NUMBER : 61091025  
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APPLICANT : NIPPON SHEET GLASS CO LTD;

INVENTOR : IIDA HISAHIRO;

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TITLE : APPARATUS FOR PRESS-FORMING  
OF PLATE GLASS



ABSTRACT : PURPOSE: To produce a plate glass free from optical strain at the circumferential part, by receiving a plate glass with a ring mold made of plural divided pieces and placed above a conveyer roller, and pressing the glass.

CONSTITUTION: The plate glass G heated near to the softening point is transferred with a conveyer roller 8 above the lower mold 12 of the molding zone. The lower mold 12 and the assistant ring mold 15 are lifted to lift the glass G from the roller 8 by supporting the lower circumference of the glass G with the mold 15. The lower mold 12 and the ring mold 15 are lifted further, and at the same time, the divided pieces 22a are lowered to a position little lower than the glass G in separated state, and moved inward and joined together to form a ring mold. The lower circumference of the glass G is supported with the upper edge of the mold 22, and the mold 15 is lowered. The mold 22 and the lower mold 12 are lifted, and the glass G is pressed and bent between the upper mold 7 and the lower mold 12.

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